

**Vehicle mounted A.C. generator**

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EC Classification: H02K9/19  
Equivalents: JP1809863C, JP5016261B, KR9002802

**Abstract**

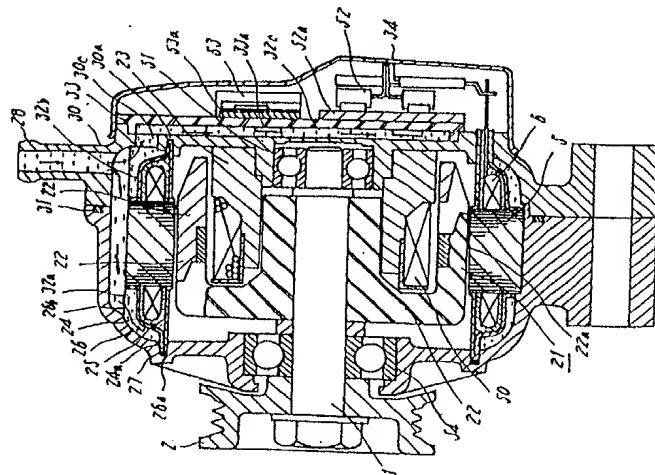
A belt driven vehicle alternator is enclosed by front and rear brackets/casing members 26, 30 which, in combination with an aluminum housing 24 surrounding the rotor and stator cores/coils, define flow passages for a liquid coolant branched off from the engine cooling system. The coolant inlet and outlet ports 28, 29 are both provided in the rear casing member 30 and are circumferentially proximate each other to minimize the space occupied by the alternator cooling system and tubes in the crowded engine compartment.

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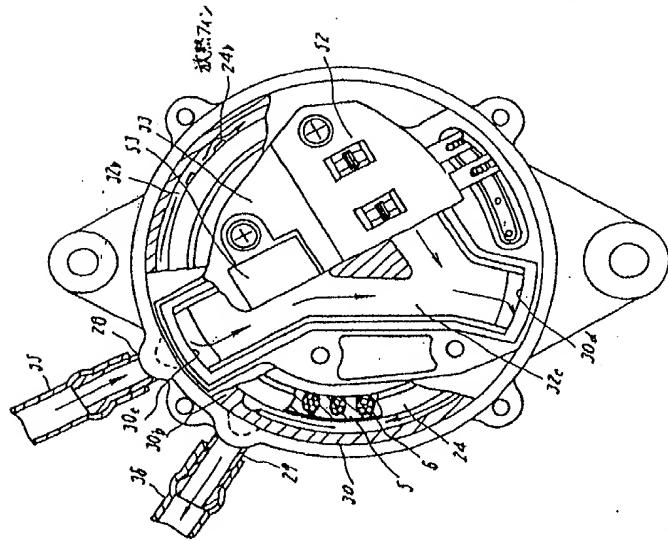


第1図

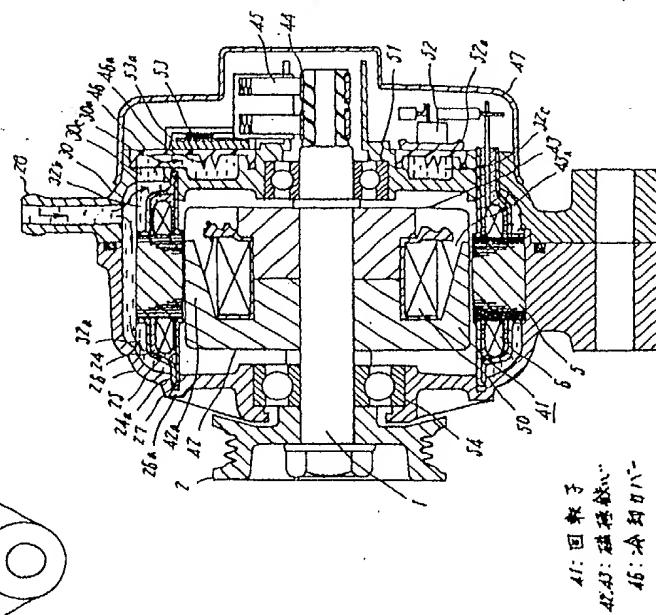


1: 回転子  
2: 磁石  
3: 銅板  
4: 銅板  
5: 固定子  
6: 軸  
7: 軸  
8: 油槽  
9: 油槽  
10: 油槽  
11: 油槽  
12: 油槽  
13: 油槽  
14: 油槽  
15: 油槽  
16: 油槽  
17: 油槽  
18: 油槽  
19: 油槽  
20: 油槽  
21: 油槽  
22: 磁極  
23: 磁極  
24: 磁極  
25: 磁極  
26: 磁極  
27: 磁極

第2図

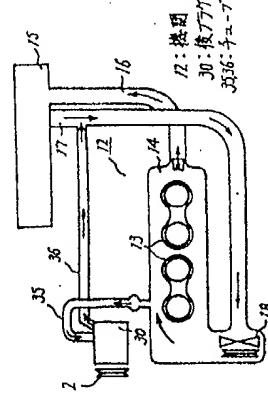


第3図



41: 回転子  
42, 43: 磁石  
45, 46: 磁極

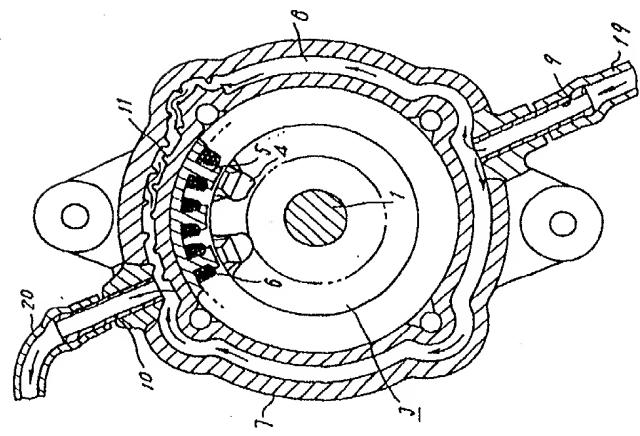
第5図



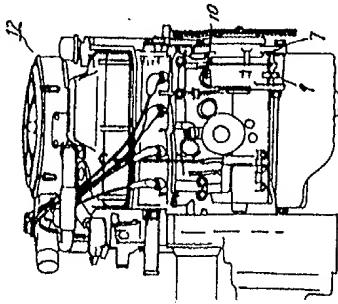
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第6図



第7図



第8図

